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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	10/788,432
Filing Date	February 27, 2004
First Named Inventor	Aaron D. Peacock
Group Art Unit	1634
Examiner Name	Unknown
Attorney Docket Number	UTR-107X

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
KS	R1	PINKART, H. C., D. B. Ringelberg, Y. M. Piceno, S. J. Macnaughton, and D. C.White. 2002. Biochemical approaches to biomass measurements and community structure analysis. *In* Manual of Environmental Microbiology, 2nd Edition (D. E. Stahl, C. H. Hurst, G. R. Knudsen, M. J. McInerney, L. D. Stetzenbach, and M. V. Walter, eds.) American Society for Microbiology Press, Washington, DC. pp. 101-113.	
	R2	WHITE, D. C., W. M. Davis, J. S. Nickels, J. D. King and R. J. Bobbie. 1979. Determination of the sedimentary microbial biomass by extractable lipid phosphate. Oecologia 40: 51-62.	
	R3	WHITE, D. C., R. J. Palmer, R. S. Burkhalter, S. J. Macnaughton, J. R. Stephen, R. G. Kern, K. J. Venkateswaran, C. A. Smith, Y-D. Gan, Y-J. Chang, S. L. Whitaker, and R. J. Moss. 1999. Utilization of signature biomarkers to define microbial communities in biofilms and as contaminants of spacecraft searching for extraterrestrial life. Second COST 520 Workshop, Biofouling and Materials, Ecole d'Ingenieurs du Valais, Sion Switzerland (J. Weber and W. Sand, Eds., EDMZ, Bern Switzerland) pp. 41-62, June 9-13.	
	R4	WHITE, D. C., J. O. Stair, and D. B. Ringelberg. 1996. Quantitative Comparisons of *in situ* Microbial Biodiversity by Signature Biomarker Analysis. J. Indust. Microbiol. 17: 185-196.	
	R5	WHITE, D. C., C. A. Lytle, Y-D. M. Gan, Y. M. Piceno, M. H. Wimpee, A. Peacock and C. A. Smith 2002. Flash Detection/identification of Pathogens, Bacterial Spores and Bioterrorism Agents Biomarkers from Clinical and Environmental Matrices. J. Microbial Methods 48: 139-147.	
	R6	STEPHEN, J. R., Y-J. Chang, Y. D. Gan, A. Peacock, S. M. Pfiffner, M. J. Barcelona, D. C. White, and S. J. Macnaughton. 1999. Microbial Characterization of JP-4 fuel contaminated-site using a combined lipid biomarker/PCR-DGGE based approach. Environmental Microbiology. 1: 231-241.	
	R7	IVANOVA, I A., J. R. Stephen, Y-J. Chang, , J. Bruggemann, P. E. Long, J. P. McKinley, G. A. Kowalchuk, D. C. White, and S. J. Macnaughton. 2000. A survey of 16S rRNA and amoA genes related to autotrophic ammonia-oxidizing bacteria of the β-subdivision of the class proteobacteria in contaminated groundwater. Canad J. Microbiol. 46: 1012-1020.	
	R8	CHANG, Y-J. A. Peacock, P. E. Long, J. R. Stephen, J. P. McKinley, S. J. Macnaughton, A. K. M. Anwar Hussain, A. M. Saxton, and D. C. White. 2001. Diversity and Characterization of Sulfate-Reducing Bacteria in Groundwater at a Uranium Mill Tailings Site. Appl. Environ. Microbiol. 67: 3149-3160.	

Examiner Signature	/Katherine Salmon/	Date Considered	09/25/2006

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KS	R9	WHITE, D. C. 1995. Chemical ecology: Possible linkage between macro-and microbial ecology. Oikos 74: 174-181.	
	R10	LYTLE, C.A., Y-D. M. Gan, K. Salone, and D. C. White 2001. Sensitive Characterization of Microbial Ubiquinones from Biofilms by Electrospray/Mass Spectrometry Environ. Microbiol. 3 (4): 265-272.	
	R11	WHITE, D. C., D. B. Ringelberg, and S. J. Macnaughton. 1997. Review of PHA and signature lipid biomarker analysis for quantitative assessment of *in situ* environmental microbial ecology. *In* 1996 International Symposium on Bacterial Polyhydroxylalkanoates, (G. Eggink, A. Steinbuchel, Y. Poirer, and B. Witholt, eds.) NRC Research Press, Ottawa, Canada, pp. 161-170.	
	R12	KIEFT, T. L., D. B. Ringelberg, and D. C. White. 1994. Changes in ester-linked phospholipid fatty acid profiles of subsurface bacteria during starvation and desiccation in a porous medium. Appl. Environ. Microbiol. 60: 3292-3299.	
	R13	FINDLAY, R.H., P. C. Pollard, D. J. W. Moriarty, and D. C. White. 1985. Quantitative determination of microbial activity and community nutritional status in estuarine sediments: evidence for a disturbance artifact. Canad. J. Microbiol. 31: 493-498.	
	R14	TUNLID, A., B. H. Baird, M. B. Trexler, S. Olsson, R. H. Findlay, G. Odham, and D. C. White. 1985. Determination of phospholipid ester-linked fatty acids and poly beta hydroxybutyrate for the estimation of bacterial biomass and activity in the rhizosphere of the rape plant *Brassica napus* (L.). Canad. J. Microbiol. 31: 1113-1119.	
	R15	BOSCHKER, H. T. S., and J. J. Middelburg 2002. Stable isotopes and biomarkers in microbial ecology. FEMS Microbiology Ecology 40 85-95.	
	R16	WHITE, D. C., J. S. Gouffon, A. D. Peacock, R. Geyer, A. Biernacki, G. A. Davis, M. Pryor, M. B.Tabacco, and K. L. Sublette. 2003. Forensic Analysis by Comprehensive Rapid Detection of Pathogens and Contamination Concentrated in Biofilms in Drinking Water Systems for Water Resource Protection and Management, Environmental Forensics (accepted January 2003).	
	R17	SUBLETTE, K.L., A.E. Plato, M. Woolsey, R.G. Yates, C.E. Camp, and T. Bair. 1996. Immobilization of a Sulfide-oxidizing Bacterium in a Novel Adsorbent Biocatalyst Support", Applied Biochem. Biotech., 57/58, 1013-1019.	

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KS	R18	GOUFFON, J. S., R. Geyer, A. D. Peacock, Y-D. Gan, Y-J Chang, K. Salone, C. Lytle, K. L. Sublette, and D. C. White. 2002. Rapid Quantitative Detection of Pathogens & Contamination by Analysis of Biofilms Generated on Coupons in Water Resource Management. Proceedings of the Third International Conference on Water Resources and Environmental Research (ICWRER) (edit. by G. H. Schmitz). Dresden Germany, July 22-25, Eigenvertag des Forum fur Abfallwirtschaft und Altlasten eV, Pirna D-01796 Germany, Volume II, Pp. 305-310.	
	R19	PEACOCK A. D., Y-J. Chang, J. D. Istok and D. C. White. 2003. Utilization of Microbial Biofilms as Monitors of Bioremediation . Microbial Ecology (P. Hirsch festschrift issue). July 2003.	
	R20	PEACOCK, A D., R. T. Anderson, Y-J. Chang, P. E. Long, and D. C. White. 2002. Biostimulation of Metal-Reducing Microbes at a Former Uranium Mill Tailings Site. Eos Trans. AGU, 83(47), Fall Meet. Suppl., Abstract B51B-0716 INVITED, 2002Abs AGU December meeting.	
	R 21	WHITE, D. C., M. Fayek, J. S. Gouffon, A. D. Peacock, S. M. Pfiffner, R. Geyer, and K. L. Sublette 2002. "Facile quantitative detection of microbial biofilms capable of potential *in situ* bioimmobilization of Uranium in aquifers. 2002 International Society for Subsurface Microbiology, Abstract , September 14, Copenhagen Denmark.	
	R22	FAYEK, M. J., S. Utsunomiya, S. M. Pfiffner, L. Anovitz, Y. A. Gorby, D. C. White, L. R. Riciputi, R. C. Ewing, & F. J. Stadermann. 2003. Predicting the Stability of Nano-scale Bio-precipitated Uranium Phases. Nature submitted.	
	R23	KEHRMEYER, S. R., B. M. Appelgate, H. Pinkart, D. B. Hedrick, D. C. White and G. S. Sayler. 1996. Combined lipid/DNA extraction method for environmental samples, J. Microbiological Methods 25: 153-163.	
	R24	MACGREGOR, B. J., V. Bruchert, S. Fleischer and R. Aman. 2002. Isolation of small-subunit rRNA for stable isotope characterization. Environmental Microbiology 4(8): 451-464.	
↓	R25	MCLUCKEY, S. A., G. R. Reid, and J. M. Wells. 2002. Ion parking during ion/ion reactions in electrodynamic traps. Ann Chem. 74: 336-346.	

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